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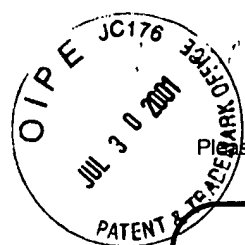


Bib Data Sheet

CONFIRMATION NO. 3028

SERIAL NUMBER 09/813,606	FILING DATE 03/21/2001 RULE	CLASS 165	GROUP ART UNIT 3743	ATTORNEY DOCKET NO. 4041J-000368	
APPLICANTS Hiroyuki Osakabe, Chita-gun, JAPAN;					
** CONTINUING DATA *****					
** FOREIGN APPLICATIONS *****					
JAPAN 2000-83918 03/24/2000 JAPAN 2000-214152 07/14/2000 JAPAN 2000-214333 07/14/2000 JAPAN 2000-214204 07/14/2000 JAPAN 2000-214449 07/14/2000					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 04/27/2001					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged <u>Examiner's Signature</u> <u>Initials</u>		STATE OR COUNTRY JAPAN	SHEETS DRAWING 32	TOTAL CLAIMS 25	INDEPENDENT CLAIMS 2
ADDRESS 27572					
TITLE Boiling cooler for cooling heating element by heat transfer with boiling					
FILING FEE RECEIVED 800	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

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Receipt

HDP/SB/21 based on PTO/SB/21 (08-00)

Please type a plus sign (+) inside this box → ☐**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/813,606	
	Filing Date	March 21, 2001	
	First Named Inventor	Hiroyuki Osakabe	
	Group Art Unit	3743	
	Examiner Name		
Total Number of Pages in This Submission		Attorney Docket Number	4041J-000368

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Correction of Official Filing Receipt, copies of Filing Receipt and Declaration
Remarks		The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

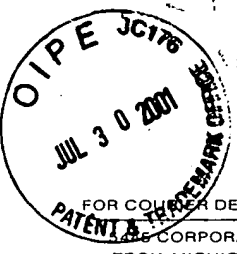
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	H. Keith Miller, Esq.	Reg. No.	22,484
Signature					
Date	July 24, 2001				

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.

Typed or printed name	H. Keith Miller, Esq.		
Signature		Date	July 24, 2001

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HARNESS, DICKEY & PIERCE, P.L.C.
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U.S.A.

CABLE
PATENTS TROY, MICHIGAN
TELEX NO. & REPLY
287637 HARNES UR
TELEFACSIMILE
(248) 641-0270

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/813,606)
Filing Date: March 21, 2001)
Applicant: Hiroyuki Osakabe)
Art Group: 3743)
Title: Boiling Cooler For Cooling Heating)
Element By Heat Transfer With)
Boiling)
Docket No: 4041J-000368)

REQUEST FOR CORRECTED
OFFICIAL FILING RECEIPT

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AUG 15 2001
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Hon. Commissioner of Patent and Trademarks
Washington, D.C. 20231

Attn: Application Processing Division's
Customer Correction Branch

Sir:

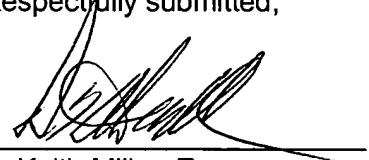
We acknowledge receipt of the Official Filing Receipt for the above-identified application, a copy of which is attached. However, the Applicant's residence is incorrect and should be as follows:

Applicant(s):

Hiroyuki Osakabe, "Kariya-city, Japan" should be -- **Chita-gun**, Japan --

Accordingly, please correct your records and issue a corrected filing receipt. A copy of the Declaration and Power of Attorney is attached hereto for your reference.

Respectfully submitted,

By: 
H. Keith Miller, Esq.
Reg. No. 22,484
Attorney for Applicants

Dated: July 24, 2001

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303
(248) 641-1600
HKM/rf

Attachments



UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/813,606	03/21/2001	3743	800	4041J-000368	32	25	2

CONFIRMATION NO. 3028

FILING RECEIPT



OC000000006019224

2572
HARNESSE, DICKEY & PIERCE, PLC
5445 CORPORATE DRIVE, SUITE 400
TROY, MI 48098

Date Mailed: 04/30/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Hiroyuki Osakabe, ~~Kariya-city~~ JAPAN;

"Kariya-city, JAPAN" should be:

~~Chiba-gun, JAPAN~~

Domestic Priority data as claimed by applicant

* Foreign Applications

JAPAN 2000-83918 03/24/2000
JAPAN 2000-214152 07/14/2000
JAPAN 2000-214333 07/14/2000
JAPAN 2000-214204 07/14/2000
JAPAN 2000-214449 07/14/2000

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If Required, Foreign Filing License Granted 04/27/2001

Projected Publication Date: 09/27/2001

Non-Publication Request: No

Early Publication Request: No

Title

Boiling cooler for cooling heating element by heat transfer with boiling

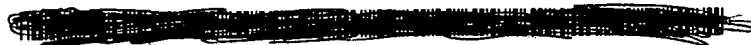
Preliminary Class

165

Data entry by : ASRAT, FANAYE

Team : OIPE

Date: 04/30/2001



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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

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PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
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- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
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Washington, DC 20231

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Harness, Dickey & Pierce, P.L.C.
Attorney Docket No. 4041J-000368



Declaration and Power of Attorney for Patent Application
特許出願宣誓書及び委任状
Japanese Language Declaration
日本語宣言書

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下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者(下記の氏名が一つの場合)もしくは最初かつ共同発明者であると(下記の名称が複数の場合)信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

BOILING COOLER FOR COOLING HEATING ELEMENT BY HEAT TRANSFER WITH BOILING

上記発明の明細書(下記の欄で×印がついていない場合は、本書に添付)は、

the specification of which is attached hereto unless the following box is checked:

☐ _____に提出され、
米国出願番号または特許協力条約国際出願番号を
_____とし、
(該当する場合) _____に訂正されました。

☐ was filed on _____
as United States Application Number or PCT
International Application Number _____
and was amended on _____
(if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づき下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Japanese Language Declaration
(日本語宣言書)

Prior Foreign Application(s)

Priority Not Claimed

外国での先行出願

(優先権主張なし)

1.	2000-83918	JAPAN	24/MARCH/2000	<input type="checkbox"/>
	(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	
2.	2000-214152	JAPAN	14/JULY/2000	<input type="checkbox"/>
	(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	
3.	2000-214204	JAPAN	14/JULY/2000	<input type="checkbox"/>
	(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	
4.	2000-214333	JAPAN	14/JULY/2000	<input type="checkbox"/>
	(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	
5.	2000-214449	JAPAN	14/JULY/2000	<input type="checkbox"/>
	(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	
6.				<input type="checkbox"/>
	(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	
7.				<input type="checkbox"/>
	(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	

☐ Additional Foreign Application(s) is(are) listed on the attached sheet which is incorporated herein by reference.

私は、第35編米国法典119条(e)項に基いて下記の米
国特許出願規定に記載された権利をここに主張いたしま
す。

I hereby claim the benefit under Title 35, United
States Code, Section 119(e) of any United States
provisional application(s) listed below.

(Application No.)
(出願番号)

(Filing Date)
(出願日)

(Application No.)
(出願番号)

(Filing Date)
(出願日)

私は、下記の米国法典第35編120条に基いて下記の米
国特許出願に記載された権利、又は米国を指定している特
許協力条約365条(c)に基く権利をここに主張します。
また、本出願の各請求範囲の内容が米国法典第35編11
2条第1項又は特許協力条約で規定された方法で先行する
米国特許出願に開示されていない限り、その先行米国出願
書提出日以降で本出願書の日本国内または特許協力条約国
際提出日までの期間中に入手された、連邦規則法典第37
編1条56項で定義された特許資格の有無に関する重要な
情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United
States Code, Section 120 of any United States
application(s), or 365(c) of any PCT International
application designating the United States, listed
below and, insofar as the subject matter of each of
the claims of this application is not disclosed in the
prior United States or PCT International application
in the manner provided by the first paragraph of Title
35, United States Code Section 112, I acknowledge the
duty to disclose information which is material to
patentability as defined in Title 37, Code of Federal
Regulations, Section 1.56 which became available
between the filing date of the prior application and
the national or PCT International filing date of
application.

Application No.
(出願番号)

Filing Date
(出願日)

Status : Patented, Pending, Abandoned
(現況) (特許許可済)、(係属中)、(放棄済)

567-1-05
3/3

HDP

Japanese Language Declaration
(日本語宣言書)

私は、私自身の知識に基づいて本宣言書中で私が行う表明が真実であり、かつ私の入手した情報と私の信じることに基く表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基き、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

委任状： 私は下記の発明者として、本出願に関する一切の手續を米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。(弁護士、または代理人の氏名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

H. Keith Miller, Reg. No.22484, Michael J. Schmidt, Reg. No. 34007, and each principal, attorney of counsel, associate and employee of Harness, Dickey & Pierce, P.L.C., who is a registered Patent Attorney.

書類送付先： (Send Correspondence to)

H. Keith Miller, Esq. and Michael J. Schmidt, Esq., P.O. Box 828, Bloomfield Hills, MI 48303

直接電話連絡先 (名前及び電話番号)： Direct Telephone Calls to (name and telephone number)

H. Keith Miller, Esq. and Michael J. Schmidt, Esq., (248) 641-1600

唯一または第一発明者 (Full name of sole or first inventor)	Hiroyuki Osakabe
発明者の署名 (Inventor's Signature)	<i>Hiroyuki Osakabe</i>
日付 (Date)	<i>March 9, 2001</i>
住所 (Residence)	Chita-gun, Japan
国籍 (Citizenship)	Japan
私書箱 (Post Office Address)	c/o DENSO CORPORATION, 1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF., 448-8661 JAPAN

第二共同発明者 (Full name of second joint inventor)	
発明者の署名 (Inventor's Signature)	
日付 (Date)	
住所 (Residence)	
国籍 (Citizenship)	
私書箱 (Post Office Address)	

☐ Additional Inventor(s) is (are) listed on the attached sheet which is incorporated herein by reference.